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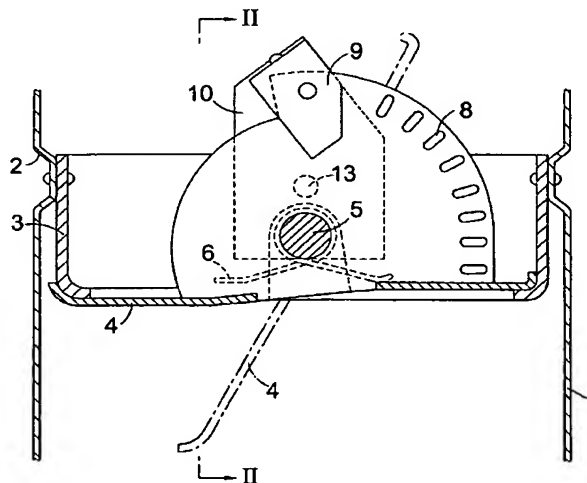
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(54) Title: THERMALLY-ACTUATED CARTRIDGE AND FIRE DAMPER



(57) Abstract: A thermally-actuated cartridge (21) has a center pin (24) which is arranged to protrude through the rear of a cartridge holder (23) when the cartridge assembly (21) is not set, so that it is apparent that the cartridge assembly (21) is not set. In a fire damper for an airflow duct, the cartridge assembly (21) is used as a detent to hold a damper flap (7) open. There is a particularly convenient way of mounting the detent arrangement by having a U-shaped member (9) which carries a limb (15) acting as a backing piece for a retention quadrant (7) and a sprung bracket (16) which are squeezed together by the cartridge assembly (21). The U-shaped member (9) is mounted by a means of a limb extension (10) which slots over the damper flap axle (5) and is held by a rivet (13) in the correct orientation, the cartridge assembly (21) being screwed through a threaded bore formed by upsetting or swaging a limb (14) of the U-member (9) through a hole in the extension (10).